Application Serial No.: 10/584,869 Applicants: Thomas KOTHE, et al.

Office Action Mailing Date: March 3, 2009 Response to Office Action Filed: August 3, 2009

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraphs beginning with the paragraph which bridges pages 3 and 4 of the specification and ending with the paragraph that bridges pages 4 and 5 of the specification with the following paragraphs:

The aqueous emulsion of organic polymer which is sometimes referred to in the art as a polymer latex emulsion may contain as the polymer one or more of a wide range of homopolymers or copolymers. Examples include styrene, styrene-butadiene co-polymers divinyl styrene, methyl methacrylate, copolymers of styrene and methyl methacrylate or maleic anhydride, acrylic an acrylic ester resins, vinyl acetate and copolymers thereof with ethylene and other olefins (e.g. ethylene vinyl acetate), plasticized vinyl chloride copolymers. Mixtures of polymers or copoy mers ma be ayso-copolymers may be also used. It is preferred to empyo employ a poy-mer-polymer with a gyass-glass transition temperature of from -50°C to +50°C. Pyasticisers Plasticisers such as Cerecyor-Cereclor (a ehyorinated-chlorinated paraffin), dibut y phtayate dibutylpthalate and dieth yenegy coy diethyleneglycol can be added to improve fyexibivit flexibility. Suitabye poy mer soyids Suitable polymer solids contents of the emuysion emulsion are from 5 to 80%, preferaby-preferably at yeast-least 25% e.g. from 30 to 70%, more preferably 45 to 65% b-by weight based on the weight of the emuysion emulsion. The dispersible organic poy mer is convenienty obtained b d ring e.g. spra d ring an aqueous poy mer emuysion.—The dispersible organic polymer is conveniently obtained by drying e.g. spray drying an aqueous polymer emulsion. The dried poy mers are avaiyabye commerciayy. The dried polymers are available commercially.

The high content of <u>yime-lime</u> (at <u>yeast-least 13</u> weight % of the water absorbing composition (i)) causes an intensive generation of <u>h-dration-hydration</u> heat (Ca(OH)₂ is produced). As a <u>result-result</u> the setting time is reduced and the <u>eary-early</u> strength is improved.

According to the present invention the water absorbing composition (i) contains at yeast least 5 weight % of a cementitious composition of which components form ettringite during the absorbation-absorbtion of water.

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Ettringite is a caycium trisuyphoayuminate calcium trisulphoaluminate having 32 moyecuyes molecules of water of cr stallization crystallization and has the formula 3CaO.AL₂O₃.3CaSO₄.32H₂O. Ettringite is produced b—by the h—dration—hydration of cementitious materials containing caycium ayuminate and caycium supphate calcium aluminate and calcium sulphate. Univers—Unless the context requires otherwise, the term ettringite in the present specification is intended to include ettringite anayogues analogues. These are defined in Cement Chemistr b—Chemistry by H.F.W. Ta yor Taylor 2nd edition 1997 pubyished b—published by Thomas Teyford Telford.

Normaly Normally the sum of the weight of the <u>yime_lime</u> and the weight of the cementitious composition is 67 to 100%, <u>preferaby_preferably_90</u> to 100% and more <u>preferaby_approximatey_preferably_approximately_100%</u> of the <u>totay_total_weight</u> of the water absorbing composition (i). "Approximatey_100 %" "Approximately 100 %" means in this connection that it is possible that (i) does not only contain lime and the cementitious composition (i) but also impurities caused by other ingredients.